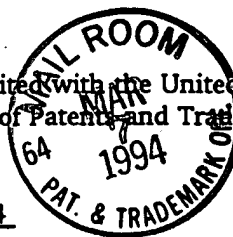


CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on January 24, 1994

By: Ruth Montalvo Date: 01/24/94



Docket: GK-BIO-292-A-K

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Edward W. Stark
Serial No.: 08/062,738 Group No.: 2505
Filed : May 14, 1993 Examiner : R. Rosenberger
For : METHOD AND APPARATUS FOR OPTICAL
INTERACTANCE AND TRANSMITTANCE MEASUREMENTS

January 24, 1994

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

Complying with applicant's duty to disclose art which may be material to the present application, the European Search Report for the parallel European case is enclosed. All cited art is identified on attached form PTO-1449. Also listed is PCT publication WO 91/17697.

No comment need be made regarding the cited U.S. patents.

As to the remaining references:

1. EPA 0 351 994 A2 refers to a system for determining concentration changes of a substance in a sample using a flash lamp for passing a light beam through a sample containing the analyte.

2. The article of Norris is discussed in the specification.

3. The article of Finney is discussed in the specification.

4. The publication WO 91/17697 refers to a non-invasive medical sensor including an electromagnetic radiation emitter and a pair of radiation detectors. The article was first published after the filing of the present application in the U.S.

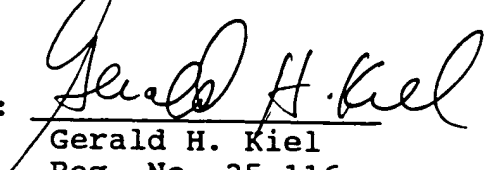
As indicated on the accompanying European Search Report, all of the references are indicated as "A" or "technological background" and need not be discussed in any detail here.

A check for \$200.00 for the submission of the prior art is enclosed.

Respectfully submitted,

MCAULAY FISHER NISSEN
GOLDBERG & KIEL

By:


Gerald H. Kiel
Reg. No. 25,116

261 Madison Ave.
New York, New York 10016
Tel. (212) 986-4090
GHK:jl
Enc.: PTO-1449 Form
Check for \$200.00

LIST OF REFERENCES CITED BY APPLICANT

Sheet 1 of 1

Applicant : Edward W. Stark

Serial No. : 08/062,738

Filing Date : May 14, 1993



Atty's Docket No.: GK-BIO-292A-K

U.S. PATENT DOCUMENTS

*Ex. Intls.		Document No.	Date	Country	Class	Sub-class	Translation Yes/No
	AA	3,786,266	1/74	Reid et al;	250	222	
	AB	4,633,087	12/86	Rosenthal et al	250	341	
	AC	4,800,885	1/89	Johnson	128	633	
	AD	4,627,014	12/86	Lo et al	364	571	
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

*Ex. Intls.		Document No.	Date	Country	Class	Sub-class	Translation Yes/No
	AL	0 351 994	1/90	Europe			no
	AM	WO 91/17697	11/91	PCT			no
	AN						
	AO						
	AP						
	AQ						
	AR						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AS	Article by J. Norris et al entitled "A New Approach for the Estimation of Body Composition, etc.", The American Journal of Clinical Nutrition, Vol. 40 (Dec. 1984), pp. 1123-1130.
AT	Article by E. Finney et al entitled "Determination of Moisture in Corn Kernels by Near-Infrared Transmittance Measurements", Transactions of the ASAE, Vol. 21, No. 3 (June 1978), pp. 581-584.
AU	
AV	
AW	
AY	

EXAMINER: _____ DATE CONSIDERED: _____

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.